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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/758,732	01/11/2001	Gerald F. McBrearty	AUS9-2000-0598-US1	8453

7590 10/16/2002
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EXAMINER

NGUYEN, JENNIFER T

ART UNIT	PAPER NUMBER
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2674

DATE MAILED: 10/16/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary

Application No.

09/758,732

Applicant(s)

MCBREARTY ET AL.

Examiner

Jennifer T Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 January 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-7, 10-12 and 18 are rejected under 35 U.S.C. 102(b) as being anticipated by Daniels (U.S. Patent No. 6,373,500).

Regarding claim 1, referring to Fig. 6, Daniels teaches a method for using an input device (50) (i.e., mouse) to control information displayed on a display device (30) having a first window (36) that displays information from a main computer (10) and a second window (37) that displays information from a remote computer (20), comprising: controlling and manipulating information displayed in the first window (36) using the input device (30) and the main computer (10); and controlling and manipulating information displayed in the second window (37) using the input device (30) and the remote computer (20); wherein the input device (30) is connected to the main computer (10) (col. 1, lines 8-35, col. 6, lines 58-67).

Regarding claim 2, Daniels further teaches the input device controls a cursor on the display device to control and manipulate displayed information (col. 5, lines 44-49).

Regarding claim 3, the main computer (10) and the remote computer (20) are connected by a network (300) (i.e., switch box).

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Regarding claim 4, Daniels further teaches the display device (30) is a picture within a picture display device and the first window (36) is a main window and the second window (37) is a picture within a picture window (Figs. 1 and 6, col. 4, lines 49-50).

Regarding claim 5, Daniels teaches the cursor is located in the second window (37) and a movement signal from the input device (50) is sent from the remote computer (20) to the second window (37) (col. 5, lines 8-15 and lines 33-49).

Regarding claim 6, Daniels teaches sending the movement signal further comprises transmitting the movement signal over a network (300) connecting the main computer (10) and the remote computer (20) (col. 5, lines 8-28).

Regarding claim 7, referring to Fig. 7a, Daniels teaches a user can use the input device (50) to move the cursor between the first window (36) and the second window (37) (col. 5, lines 44-49).

Regarding claim 10, referring to Figs. 6 and 7a, Daniels teaches a method for controlling a cursor on a picture within a picture display device (30) having a main window (36) and a picture within a picture window (37), comprising: connecting a first computer (10) to the main window (36) and a second computer (20) to the picture within a picture window (37); and using an input device (50) connected to the first computer (10) to move the cursor in both the main window (36) and the picture within a picture window (37) (col. 1, lines 8-35, col. 6, lines 58-67, and col. 5, lines 8-28).

Regarding claim 11, Daniels further teaches determining in which window the cursor is located (col. 5, lines 8-60).

Regarding claim 12, Daniels teaches sending a movement signal from the input device to the window where the cursor is located (col. 5, lines 8-60).

Regarding claim 18, Daniels teaches a method of editing data from a first (10) and a second computer systems (20), the data from the first (10) and second computer systems (20) being displayed on one monitor (30), the method comprising: connecting the monitor (30) to the first computer system (10) via a first input connector; connecting the monitor (30) to the second computer system (20) via a second input connector; and editing data from the first computer system (10) using an input device (50) connected to the second computer system (20) (col. 1, lines 8-35, col. 6, lines 58-67 and col. 8, lines 3-13).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 8, 9, 13-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Daniels (U.S. Patent No. 6,373,500).

Regarding claims 8, 9 and 17, Daniels differs from claims 8, 9, and 17 in that he does not specifically teach a common memory buffer within the picture within a picture control module wherein information displayed on the display device may be cut and pasted between the first window and the second window. However, it would have been obvious to obtain a common memory buffer within the picture within a picture control module wherein information displayed on the display device may be cut and pasted between the first window and the second window in

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order to save of buffer capacity and reduce the load of data transfer operation when using two separate buffers.

Regarding claim 13, referring to Figs. 6 and 7a, Daniels teaches a picture within a picture control system for moving a cursor on a picture within a picture display device (30), comprising: a first computer (10) having an input device (50) and connected to the picture within a picture display device (30); a second computer (20) and connected to the picture within a picture display device (30); a first window (36) on the picture within a picture display device (30) for displaying data from the first computer (10); a second window (37) on the picture within a picture display device (30) for displaying data from the second computer (37); and a picture within a picture control module (310) residing on the first (10) and the second computer (20) that allows the input device (50) to move the cursor within the first window (36) and the second window (37).

Daniels differs from claim 13 in that he does not specifically teach a second input device. However, it would have been obvious to obtain a second input device in order to provide interaction between a user and data on a display device.

Regarding claims 14 and 15, Daniels teaches the picture within a picture control module (310) on the first computer (10) sends a movement signal from the input device (50) to the first window (36) when the cursor is located in the first window (36) and sends a movement signal from the input device (50) to the second window (37) when the cursor is located in the second window (37) (Figs. 6 and 7a, b, col. 5, lines 33-60).

Regarding claim 16, Daniels teaches comprising a network (300) allowing communication between the first computer (10) and the second computer (20) and wherein the movement signal is sent over the network (300) (Fig. 6).

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Park et al. (U.S. Patent Number 6,069,669) teaches video window control apparatus and method thereof.

Pauley (U.S. Patent number 5,900,916) teaches apparatus for control of images from multiple sources.

Hiroi (U.S. Patent number 6,204,887) teaches method and apparatus for decoding and displaying multiple images using a common processor.

Clapp et al. (U.S. Patent No. 6,073,192) teaches peripheral video conferencing system with control unit that controls presentation of remote video signal through the output connector.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Jennifer T. Nguyen** whose telephone number is **703-305-3225**. The examiner can normally be reached on Mon-Fri from 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Richard A Hjerpe** can be reached at **703-305-4709**.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, DC. 20231

Or faxed to: 703-872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, sixth-floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding

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should be directed to the Technology Center 2600 Customer Service Office whose telephone number is 703-306-0377.

Jennifer T. Nguyen
Patent examiner
Art Unit 2674



RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600